





A Replication proteins

	WREFERGSMGRRATAMSRGIRSEQ ID NO:5	GHESEQ ID NO:21	PATESEQ ID NO:22	IEWTRGLR SEQ ID NO:23	WERGINE SEQ ID NO:24	
	or Or	e g	E O	OZ DI	O O	
	SSE	SE	₹S	S	SS	
	SRĞL	SKGL	TYSTI	VTRGL	TRGE	
	RATAN	RALT	RAIEV	RAIEV	RAIEV	
>	SSMGR	ASFGR	TRGR	LAGR	TKGR	
Motif V	PEF	KENTEK	IEVER!	NONEE	JEWER	
	7	9	0)	e M	6	ł
	3 277	366	289	353	289	
III	AIAS		Ğ. Ö.	NO.	LAEYIAKTÖL	
Motif III	MLT	MVS	AIA	VLT.	MIA	i
Mot	I A	IG I	LAE	E I	LAE	
	229 LAANLTKIAS	314	225	272	L 225 L	
Ħ	VERMILM	ISEVELL	HAIVL	LIVE	IME	
Motif II	VIEVE	VIISIN	PH THE	PHINITEN	HPHIHAINL	
Ĕ	ω α	و و	8		8,	
•	91	239	148	184	14	
н Н		NO.	TAR	TAR	VIVINIARE 148	
Motif I	MWIMIMIN 168	ML	LWITE	VWV	LVTI	
	109	180	62	80	62	
>	73 CGKGWICPCC 109	.bvc	PVC		CGRIWLCBVC	l
Motif IV	i S	VMA	IMI	GRIMECPEC	IMI	
Mot		SSO	CGR			i
	73	143	25	43	25	
				pJV1	psn22	

Origin of replication

80	:25	:26	.27
2	8	8	S N
A	Н	H	H
574 GTGCGAAAACTGGA-CAGCTA-GGCTACACTASEQ ID NO:8	1696 GAGGCAAAAGCGAA-CACCTTGGGAAAGAAASEQ ID NO:25	1668 CTGGCAAAAAGGGA-CGCCTAGGTAAAGGTTSEQ ID NO:26	7805 GACCCAMAGCTGTCGGGCGTTGGGGAAAGAAAGAAAGAAAA
574	1696	1668	7805
pAN12	pIJ101	pJV1	pSN22

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